SPLIT TYPE ROOM AIR CONDITIONER

OPERATION MANUAL

HSU-09RF03/R2
HSU-12RF03/R2

- Please read this operation manual before using the air conditioner

No.001050

Haier
AIR CONDITIONERS

Haier Industrial Park, No.1 Haier Road, Qingdao, P.R.China

IT CONFORMITÀ ALLE DIRETTIVE EUROPEE PER I MODELLI:

CE

Tutti i prodotti sono conformi alle seguenti normative europee:
- Direttiva 73/23/EEC Basso Voltaggio
- Direttiva 2006/95/EC Basso Voltaggio
- Direttiva 89/336/EEC Compatibilità elettromagnetica
- Direttiva 2004/108/EC Compatibilità elettromagnetica

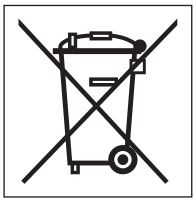
ROHS

Il prodotto è conforme alla normativa 2002/95/EEC sulla restrizione d'uso di sostanze inquinanti negli apparecchi elettrici ed elettronici.

WEEE

Informativa al consumatore come previsto dalla normativa europea 2002/96/CE riguardante i rifiuti di apparecchiature elettriche ed elettroniche.

SPECIFICHE DI SMALTIMENTO:



Il climatizzatore è contrassegnato con questo simbolo, ciò significa che i prodotti elettrici ed elettronici non possono essere smaltiti insieme ai rifiuti domestici non differenziati. Non cercare di demolire il sistema da soli: la demolizioni dei sistemi di condizionamento, nonché il recupero del refrigerante, dell'olio e di qualsiasi altra parte devono essere eseguiti da un installatore qualificato in conformità alla legislazione locale e nazionale vigente in materia.I climatizzatori devo essere trattati presso una struttura specializzata nel riutilizzo, riciclaggio e recupero dei materiali. Il corretto smaltimento del prodotto eviterà le possibili conseguenze negative all'ambiente e alla salute dell'uomo. Per maggiori informazioni contattare l'installatore o le autorità locali. Le batterie devono essere tolte dal telecomando e smaltite separatamente conformemente alla legislazione locale e nazionale vigente in materia.

EN EUROPEAN REGULATIONS CONFORMITY FOR THE MODELS:

CE

All the products are in conformity with the following European provision:
- Low Voltage Directive 73/23/EEC
- Low Voltage Directive 2006/95/EC
- Electromagnetic CompatibilitY 89/336/EEC
- Electromagnetic CompatibilitY 2004/108/EC

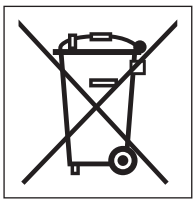
ROHS

The products are fulfilled with the requirements in the directive 2002/95/EEC of the European parliament and of the council on the Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment (EU RoHS Directive).

WEEE

In accordance with the directive 2002/96/CE of the European parliament, herewith we inform the consumer about the disposal requirements of the electrical and electronic products.

DISPOSAL REQUIREMENTS:



Your air conditioning product is marked with this symbol. This means that electrical and electronic products shall not be mixed with unsorted household waste.
Do not try to dismantle the system yourself: the dismantling of the air conditioning system, treatment of the refrigerant, of oil and of other part must be done by a qualified installer in accordance with relevant local and national legislation. Air conditioners must be treated at a specialized treatment facility for re-use, recycling and recovery. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health. Please contact the installer or local authority for more information. Battery must be removed from the remote controller and disposed of separately in accordance with relevant local and national legislation.

FR CONFORMITÉ AUX DIRECTIVES EUROPÉENNES POUR LES MODÈLES:

CE

Tous les produits sont conformes aux directives européennes suivantes:
- Directive 73/23/CEE Basse tension
- Directive 2006/95/CE Basse tension
- Directive 89/336/CEE Compatibilité électromagnétique
- Directive 2004/108/CE Compatibilité électromagnétique

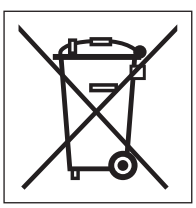
ROHS

L'appareil est conforme à la directive 2002/95/CEE relative à la limitation de l'utilisation de certains substances dangereuses dans les équipements électriques et électroniques.

DEEE (WEEE)

Information au consommateur comme le prévoit la directive européenne 2002/96/CE relative aux déchets d'équipements électriques et électroniques.

SPECIFICATIONS POUR L'ELIMINATION:



Ce pictogramme, apposé sur le climatiseur, signifie que les équipements électriques et électroniques ne peuvent pas être éliminés avec les déchets ménagers non triés. Ne pas essayer de démanteler l'équipement soi-même: le démantèlement des systèmes de climatisation, ainsi que la récupération du frigorigène, de l'huile et de toute autre partie doivent être effectués par un installateur qualifié conformément à la législation locale et nationale en vigueur en la matière. Les climatiseurs doivent être traités dans un centre spécialisé dans la réutilisation, le recyclage et la valorisation des matériaux. L'élimination correcte de ces appareils permet d'éviter les effets nocifs sur l'environnement et la santé humaine. Pour plus de renseignements contacter l'installateur ou les autorités locales. Les piles doivent être retirées de la télécommande et éliminées séparément, conformément à la législation locale et nationale en vigueur en la matière.

Haier
AIR CONDITIONERS

Haier Industrial Park, No.1 Haier Road, Qingdao, P.R.China

ES CONFORMIDAD EUROPEA DE LAS REGULACIONES PARA LOS MODELOS:

CE

Todos los productos están en conformidad con las siguientes Normativas Europeas:

- Bajo Voltaje directiva 73/23/EEC
- Bajo Voltaje directiva 2006/95/EC
- Compatibilidad electromagnética 89/336/EEC
- Compatibilidad electromagnética 2004/108/EC

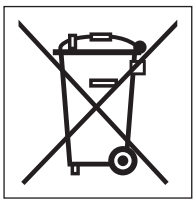
ROHS

Los productos cumplen los requisitos de la directiva 2002/95/EEC del parlamento Europeo y el consejo regulador Del uso de materiales peligrosos en equipamientos eléctricos Y electrónicos. (EU RoHS Directiva).

WEEE

De acuerdo con la directiva 2002/96/CE del parlamento Europeo, Informamos al consumidor acerca del reciclage de los productos Electrónicos y eléctricos.

REQUISITOS PARA LA ELIMINACIÓN:



Su acondicionador de aire está marcado con este símbolo. Esto significa que los productos eléctricos y electrónicos no deben mezclarse con el resto de residuos domésticos no clasificados.
No intente desmontar el sistema usted mismo: El desmantelamiento del acondicionador de aire, así como el tratamiento del refrigerante, aceite y otros componentes, debe ser efectuado por un instalador competente de acuerdo con las normas locales y nacionales aplicables. Los acondicionadores de aire deben ser tratados en instalaciones especializadas para su reutilización, reciclaje y recuperación. Al asegurarse de desechar este producto de la forma correcta, està contribuyendo a evitar posibles consecuencias negativas para el entorno y para la salud de las personas. Contacte, por favor, con el instalador o con las autoridades locales para obtener más información. Las pilas del control remoto deben extraerse y eliminarse por separado y de acuerdo con la normativa local y nacional aplicable.

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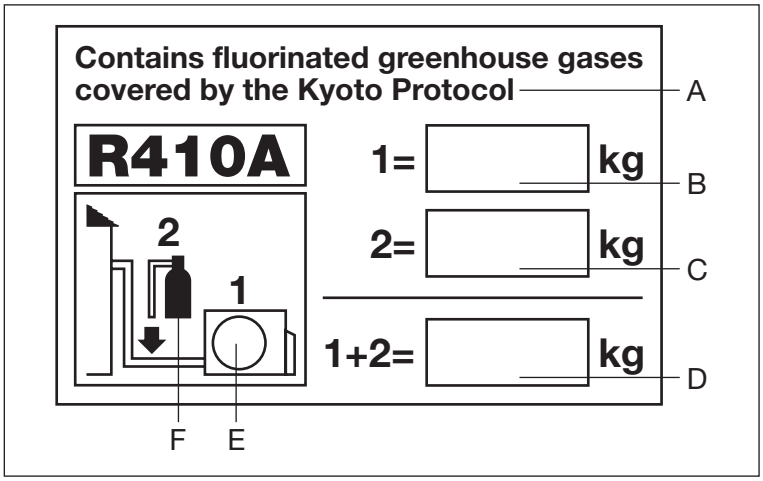

IT INFORMAZIONI IMPORTANTI SUL REFRIGERANTE UTILIZZATO

Questo prodotto contiene gas fluorurati ad effetto serra inclusi nel Protocollo di Kyoto. **Non liberare tali gas nell'atmosfera.**

Tipo di refrigerante: **R410A**
Valore GWP*: **1975**
**GWP = potenziale di riscaldamento globale*

Compilare con inchiostro indelebile,
- 1 la carica di refrigerante di fabbrica del prodotto
- 2 la quantità di refrigerante aggiuntiva nel campo e
- 1+2 la carica di refrigerante totale

sull'etichetta di carica del refrigerante fornita con il prodotto

L'etichetta compilata deve essere collocata in prossimità della portata di carica del prodotto (ad esempio, nell'interno del coperchio della valvola d'intercettazione).

A contiene gas fluorurati ad effetto serra inclusi nel protocollo di Kyoto
B carica di refrigerante di fabbrica del prodotto: vedi targhetta con il nome dell'unità
C quantità di refrigerante aggiuntiva nel campo
D carica di refrigerante totale
E unità esterna
F cilindro del refrigerante e collettore di carica

EN IMPORTANT INFORMATION REGARDING THE REFRIGERANT USED

This product contains fluorinated greenhouse gases covered by the Kyoto Protocol. **Do not vent into the atmosphere.**

Refrigerant type: **R410A**
GWP* value: **1975**
**GWP = global warming potential*

Please fill in with indelible ink,
- 1 the factory refrigerant charge of the product
- 2 the additional refrigerant amount charged in the field and
- 1+2 the total refrigerant charge

on the refrigerant charge label supplied with the product.

The filled out label must be adhered in the proximity of the product charging port (e.g. onto the inside of the stop valve cover).

A contains fluorinated greenhouse gases covered by the Kyoto Protocol
B factory refrigerant charge of the product: see unit name plate
C additional refrigerant amount charged in the field
D total refrigerant charge
E outdoor unit
F refrigerant cylinder and manifold for charging

FR INFORMATION IMPORTANTE RELATIVE AU RÉFRIGÉRANT UTILISÉ

Ce produit contient des gaz à effet de serre fluorés encadrés par le protocole de Kyoto. **Ne pas laisser les gaz s'échapper dans l'atmosphère.**

Type de réfrigérant: **R410A**
Valeur GWP*: **1975**
**GWP = potentiel de réchauffement global*

Prière de compléter à l'encre indélébile,
- 1 la charge de réfrigérant d'usine du produit
- 2 la quantité de réfrigérant supplémentaire chargée sur place et
- 1+2 la charge de réfrigérant totale

sur l'étiquette de charge de réfrigérant fournie avec le produit.

L'étiquette complétée doit être apposée à proximité de l'orifice de recharge du produit (par ex. à l'intérieur du couvercle de la vanne d'arrêt).

A contient des gaz à effet de serre fluorés encadrés par le protocole de Kyoto
B charge de réfrigérant d'usine du produit: voir plaquette signalétique de l'unité
C quantité de réfrigérant supplémentaire chargée sur place
D charge de réfrigérant totale
E unité extérieure
F cylindre de réfrigérant et collecteur de recharge

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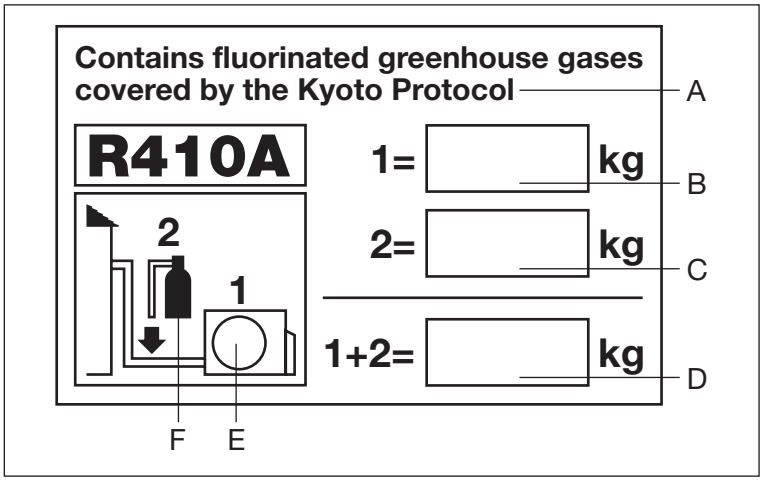


ES INFORMACIÓN IMPORTANTE EN RELACIÓN AL REFRIGERANTE UTILIZADO

Este producto contiene los gases fluorados de efecto invernadora regulados por el Protocolo de Kioto. **No vierta gases a la atmósfera.**

Tipo de refrigerante: **R410A**
Valor GWP*: **1975**
**GWP = Potencial de calentamiento global*

Rellene con tinta indeleble,
- 1 la carga de refrigerante de fábrica del producto
- 2 la cantidad adicional de refrigerante cargado en campo y
- 1+2 la carga total de refrigerante

En la etiqueta de carga de refrigerante suministrada con el producto.

La etiqueta rellenada debe pegarse cerca de la conexión de carga del producto (p.ej. en el interior de la cubierta de la válvula de tope).

A Contiene los gases fluorados de efecto invernadora regulados por el Protocolo de Kioto
B Carga de refrigerante de fábrica del producto: véase placa de especificaciones técnicas de la unidad
C Cantidad adicional de refrigerante cargado en campo
D Carga total de refrigerante
E Unidad exterior
F Cilindro del refrigerante y dosificador de carga

Cautions

The machine is adaptive in following situation

I. Applicable ambient temperature range:

Cooling	Indoor	Maximum: D.B / W.B Minimum: D.B / W.B	32°C/23°C 18°C/14°C
	Outdoor	Maximum: D.B Minimum: D.B	43°C/26°C 18°C
Heating	Indoor	Maximum: D.B Minimum: D.B	27°C 15°C
	Outdoor	Maximum: D.B / W.B Minimum: D.B / W.B	24°C/18°C -7°C/-8°C

2. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person. The type of connecting wire is H05RN-F or H07RN-F
3. If the fuse on PC board is broken please change it with the type of T. 3.15A/250V.
4. The distance between the indoor unit and the floor should be more than 2m.
5. The wiring method should be in line with the local wiring standard.
6. After installation, the power plug should be easily reached.
7. The waste battery should be disposed properly.
8. The appliance is not intended to use by young children or infirm persons without supervision.
9. Young children should be supervised ensure that they do not play with the appliance.
10. The appliance must be installed on strong enough supporter.
11. The wiring diagram is attached inside the machine.

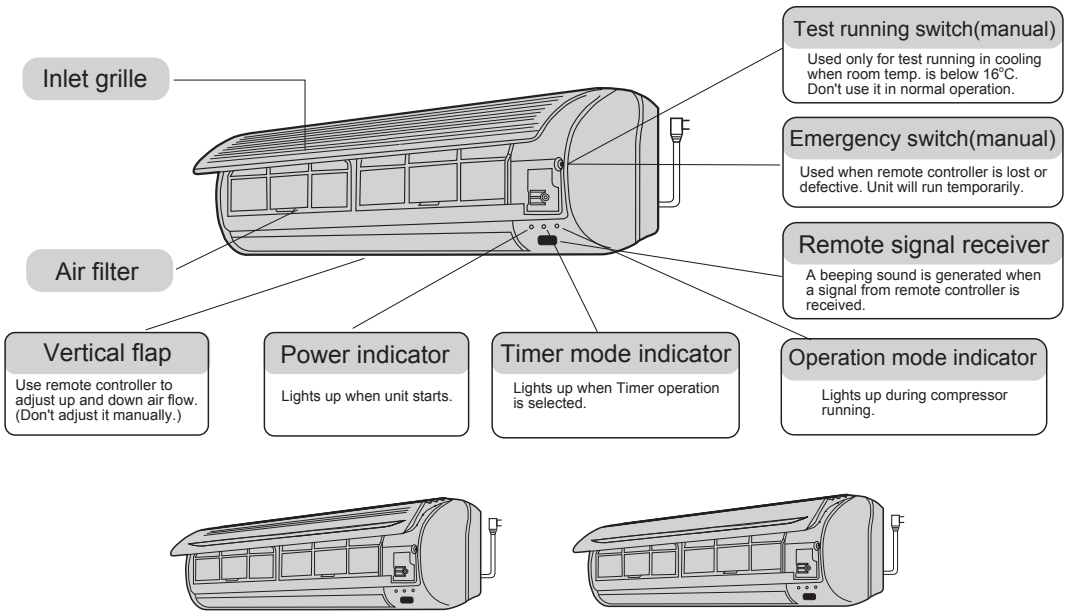
ATTENTION!

Through poor conditions of the electrical MAINS, shortly voltage drops can appear when starting the EQUIPMENT. This can influence other equipment (eg. Blinking of a lamp). If the MAINS-IMPEDANCE Zmax < **X** OHM, such disturbances are not expected. (In case of need, you may contact your local supply authority for further information.)

	X
HSU-09RF03/R2	
HSU-12RF03/R2	

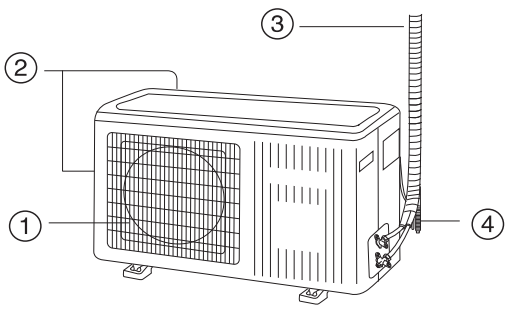
Parts and Functions

Indoor Unit


Inlet grille
Air filter
Test running switch(manual)
Used only for test running in cooling when room temp. is below 16°C. Don't use it in normal operation.
Emergency switch(manual)
Used when remote controller is lost or defective. Unit will run temporarily.
Remote signal receiver
A beeping sound is generated when a signal from remote controller is received.
Vertical flap
Use remote controller to adjust up and down air flow. (Don't adjust it manually.)
Power indicator
Lights up when unit starts.
Timer mode indicator
Lights up when Timer operation is selected.
Operation mode indicator
Lights up during compressor running.

Actual inlet grille may vary from the one shown in the manual according to the product purchased

Outdoor Unit



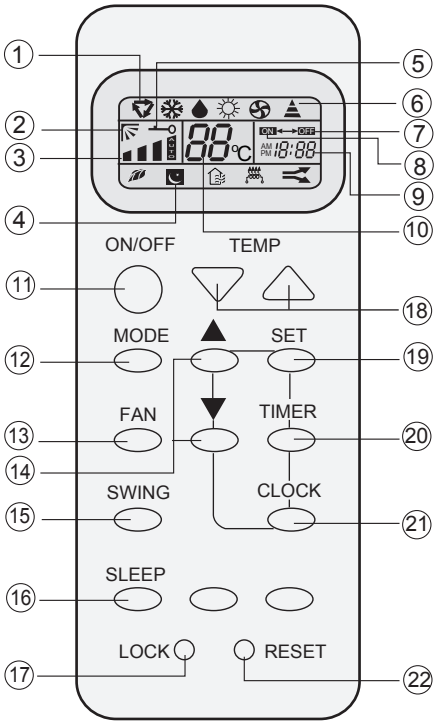
HSU-09RF03/R2
HSU-12RF03/R2

① OUTLET
② INLET
③ CONNECTING PIPING AND ELECTRICAL WIRING
④ DRAIN HOSE

Parts and Functions

Operation

Buttons and display of the remote controller.



1. Mode display
   AUTO
   COOL
   DRY
   HEAT
   FAN
2. SWING display
3. FAN SPEED display

4. SLEEP display
5. LOCK display
6. SIGNAL SENDING
7. TIMER OFF display
8. TIMER ON display
9. CLOCK display
10. TEMP display
11. POWER ON/OFF
    Used for unit start and stop.
12. MODE
    Used to select AUTO run, COOL, DRY, HEAT and FAN operation
13. FAN
    Used to select fan speed LO, MED, HI, AUTO
14. HOUR
    Used to set clock and timer setting.
15. SWING
    Used to set auto fan direction.
16. SLEEP
    Used to select sleep mode.
17. LOCK
    Used to lock buttons and LCD display.
18. TEMP.
    Used to select your desired temp.
19. SET
    Used to confirm timer and clock settings.
20. TIMER
    Used to select TIMER ON, TIMER OFF, TIMER ON-OFF
21. CLOCK
    Used to set correct time
22. RESET
    Used to reset the controller back to normal condition.

Clock set

When unit is started for the first time and after replacing batteries in remote controller, clock should be adjusted as follows:
Press CLOCK button, "AM" or "PM" flashes.
Press △ or ▽ to set correct time. Each press will increase or decrease 1min. If the button is kept depressed, time will change quickly.
After time setting is confirmed, press SET, "AM "and "PM" stop flashing, while clock starts working.

NOTE: Cooling only unit do not have displays and functions related with heating

Hints

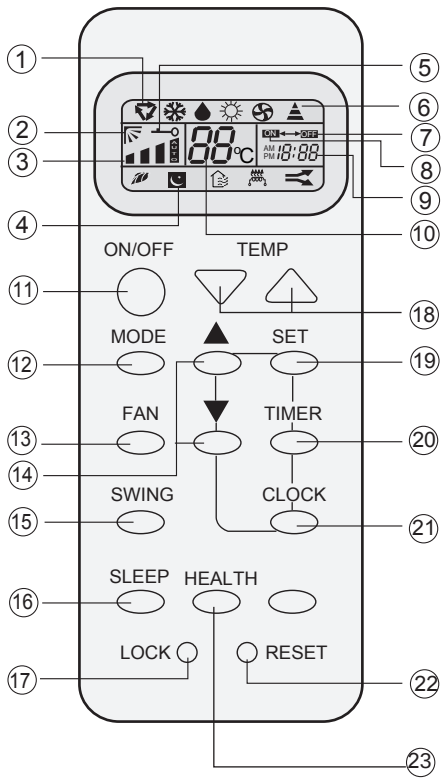
After replacing with new batteries, remote controller will conduct self-check, displaying all information on LCD. Then, it will become normal.

Parts and Functions

Operation

Buttons and display of the remote controller.

If the unit which you purchased has healthy function, Remote controller should like the following figure:



1. Mode display
   AUTO
   COOL
   DRY
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   FAN
2. SWING display
3. FAN SPEED display

4. SLEEP display
5. LOCK display
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    Used for unit start and stop.
12. MODE
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18. TEMP.
    Used to select your desired temp.
19. SET
    Used to confirm timer and clock settings.
20. TIMER
    Used to select TIMER ON, TIMER OFF, TIMER ON-OFF
21. CLOCK
    Used to set correct time
22. RESET
    Used to reset the controller back to normal condition.
23. HEALTH
    Used to set healthy operation

BRIEF INTRODUCTION TO HEALTH OPERATION

The anion generator in the air conditioner can generate a lot of anion to effectively balance the quantity of position and anion in the air and also to kill bacteria and speed up the dust sediment in the room and finally clean the air in the room.

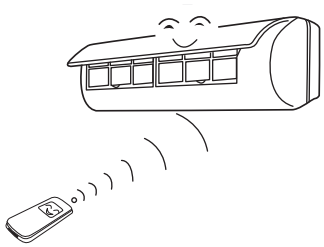
NOTE: Cooling only unit do not have displays and functions related with heating

Hints

After replacing with new batteries, remote controller will conduct self-check, displaying all information on LCD. Then, it will become normal.

Operation

Remote controller's operation



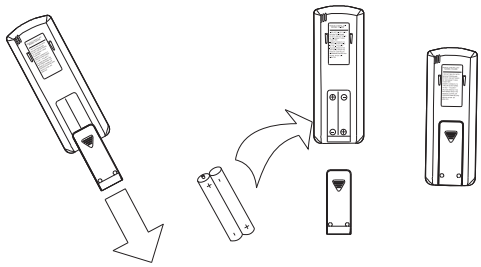
- When in use, put the signal transmission head directly to the receiver hole on the indoor unit.
- The distance between the signal transmission head and the receiver hole should be within 7m without any obstacle as well.
- Don't throw the controller, prevent it from being damaged.
- When electronic-started type fluorescent lamp or change-over type fluorescent lamp or wireless telephone is installed in the room, the receiver is apt to be disturbed in receivering the signals so the distance to the indoor unit should be shorter.

Loading of the battery

Load the batteries as illustrated. 2 R-03 batteries, resetting key (cylinder)

Remove the battery cover:

Slightly press "▼" and push down the cover.



Load the battery:

Be sure that the loading is in line with the" + "/"-"
pole request as illustrated.

Put on the cover again

Confirmation indicator:

In disorderation, reload the batteries or load the new batteries after 6mins.

Note:

Use two new same-typed batteries when loading.
If the remote controller can't run normally or doesn't work at all,
use a sharp pointed item to press the reset key.

Hint:

Remove the batteries in case unit won't be in usage for a long period.
If there are any display after taking-out just need to press reset key.

Power failure resume(please set and apply as necessary)

If sudden power failure occurs, the unit will resume original operation when power is supplied again.

Note: When sudden power failure happens during unit operation in power failure resume mode, if the air conditioner is not desired for use in a long period, please shut off the power supply in case that the unit automatically resume operation when power is re-supplied, or press ON/OFF to turn off the unit when power resumes.

Operation

Auto run, Fan operation

Enjoy yourself by just a gentle press.

(1) Unit start

Press ON/OFF button, unit starts.
Previous operation status appears on display.
(Not Timer setting)
Power indicator on indoor unit lights up.

(2) Select operation mode

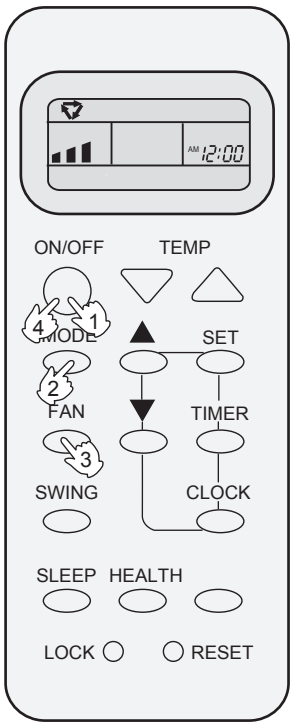
Press MODE button. For each press, operation mode changes as follows:

Unit will run in selected mode.
Stop display at " " AUTO or " " "FAN.

(3) FAN

Press FAN button. For each press, fan speed changes as follows:

Unit will run at selected fan speed.
Note:AUTO is not available in FAN mode.



(4) Unit stop

Press ON/OFF button.
Only time remains on LCD.
All indicators on indoor unit go out.
Vertical flap closed automatically.

Hints

Remote controller can memorize settings in each operation mode. To run it next time just select the operation mode and it will start with the previous setting.
No reelecting is needed.(TIMER ON/OFF needs reelecting)

Cautions:
On cooling only unit, heating mode is not available,
After replacing batteries, press ON/OFF, and display becomes as follows:
Operation mode: AUTO, Temp. No
Timer mode: No, Fan speed :AUTO

Note:
The above information is the explanation of the displayed information therefore varies with those displayed in actual operation.

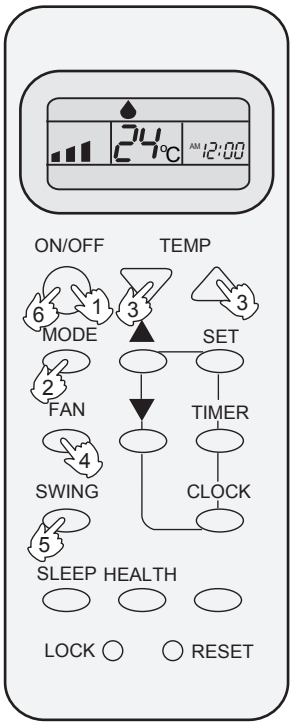
Operation

COOL,HEAT and DRY operation

Recommendations: • Use COOL in summer. • Use HEAT in winter
• Use DRY in spring, autumn and in damp climate.

(1) Unit start

Press ON/OFF button, unit starts.
Previous operation status appears on display. (Not Timer setting)
Power indicator on indoor unit lights up.



(2) Select operation mode

Press MODE button. For each press, operation mode changes as follows:

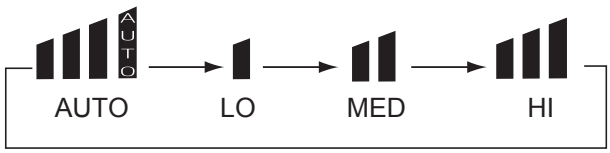
Unit will run in operation mode displayed on LCD.
Stop display at your desired mode.

(3) Select temp. setting

Press TEMR button.
△ Every time the button is pressed, temp. setting increases 1°C
▽ Every time the button is pressed, temp. setting decreases 1°C
Unit will start running to reach the temp. setting on LCD.

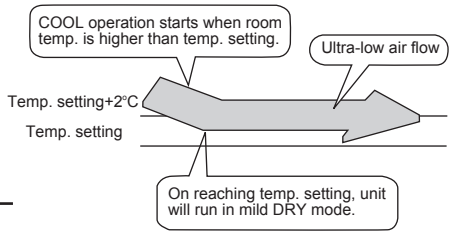
(4) Fan speed selection

Press FAN button. For each press, fan speed changes as follows:



Unit runs at the speed displayed on LCD.

In DRY mode, when room temperature becomes lower than temp.setting+2°C,unit will run intermittently at LOW speed regardless of FAN setting.


COOL operation starts when room temp. is higher than temp. setting.
Ultra-low air flow
Temp. setting+2°C
Temp. setting
On reaching temp. setting, unit will run in mild DRY mode.

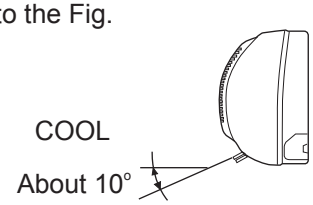
Hints

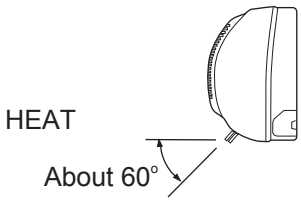
On cooling only unit, heating mode is not available.
Remote controller can memorize each operation status. When starting it next time, just press ON/OFF button and unit will run in previous status.

Operation

(5) Air flow direction adjustment

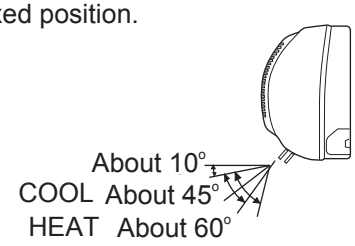
After operation mode is selected, vertical flap will open automatically according to the mode. Referring to the Fig.





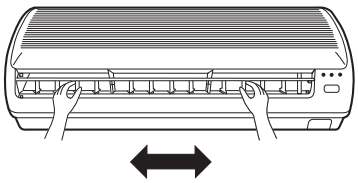
Up and down (Use remote controller)

Press SWING button, vertical flap will move within the range shown in the Fig. Press SWING button stop it at a fixed position.



Left and right air flow adjustment (manual)

Move the horizontal blade by a knob on air conditioner to adjust left and right direction referring to Fig.



Cautions:

It is advisable not to keep vertical flap at downward position for a long time in COOL or DRY mode, otherwise, condensate water might occur.

Cautions:

When humidity is high, condensate water might occur at air outlet if all horizontal louvers are adjusted to left or right.

(6) Unit stop

Press ON/OFF button.
Only time remains on LCD.
All indicators on indoor unit go out.
Vertical flap closes automatically.

Cautions:

Unit won't restart until 3 minutes have elapsed, due to system protection.
HEAT mode is not available on cooling only unit.

Hints

As cold air flows downward in COOL mode, adjusting air flow horizontally will be much more helpful for a better air circulation.
As warm air flows upward in HEAT mode, adjusting air flow downward will be much more helpful for a better air circulation.
Be careful not to catch a cold when cold air blows downward.
It is harmful to your health in summer to go frequently in and out of places where temp. difference is above 7°C. Temp. difference of 3-5°C will remove your fatigue.
More than this, unit's load can be reduced and power consumption cut down as well. So, you'd better set a temp. difference of 3-5°C between indoor and outdoor temp. in COOL mode.

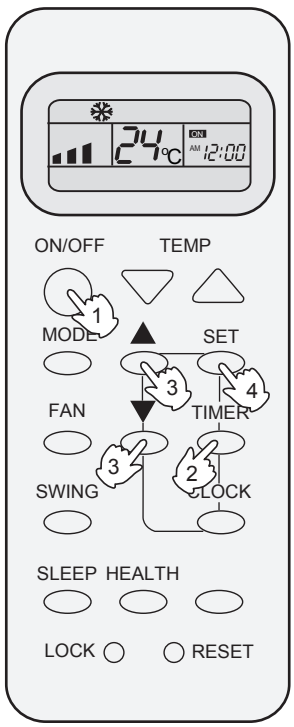
Operation

TIMER Operation

Set Clock correctly before starting Timer operation
You can let unit start or stop automatically at following times: Before you wake up in the morning, or get back from outside or after you fall asleep at night.

TIMER ON/OFF

(1)After unit start, select your desired operation mode.
Operation mode will be displayed on LCD.
Power indicator on indoor unit lights up.



(2)TIMER mode selection

Press TIMER button to change TIMER mode.
Every time the button is pressed, display changes as follows:

ON → OFF → ON 🕒 OFF → blank

TIMER ON TIMER OFF TIMER ON-OFF

Select your desired TIMER mode (TIMER ON or TIMER OFF) ON or OFF will flash.

(3)Timer setting

Press HOUR △/ ▽ button.
△ Every time the button is pressed, time increases 10 min. If button is kept depressed, time will change quickly.
▽ Every time the button is pressed, time decreases 10 min. If button is kept depressed, time will change quickly. Time will be shown on LCD. It can be adjusted within 24 hours.

(4)Confirming your setting

After setting correct time, press SET button to confirm, "ON" or "OFF" stops flashing
Time displayed: Unit starts or stops at x hour x min. (TIMER ON or TIMER OFF).
Timer mode indicator on indoor unit lights up.

To cancel TIMER mode

Just press TIMER button several times until TIMER mode disappears.

Hints

After replacing batteries or a power failure happens, Time setting should be reset.
Remote controller possesses memory function, when use TIMER mode next time, just press SET button after mode selecting if timer setting is the same as previous one.

Operation

TIMER ON-OFF

(1)After unit start, select your desired operation mode
Operation mode will be displayed on LCD.
Power indicator on indoor unit lights up.

(2) Press TIMER button to change TIMER mode.

Every time the button is pressed, display changes as follows:

Select TIMER ON-OFF. "ON" will flash.

(3)Time setting for TIMER ON

Press HOUR button.

△ Every time the button is pressed, time increases 10 min.
If button is kept depressed, time will change quickly.
▽ Every time the button is pressed, time decreases 10 min.
If button is kept depressed, time will change quickly.

Time will be shown on LCD.
It can be adjusted within 24 hours.
AM refers to morning and PM to afternoon

(4) Time confirming for TIMER ON

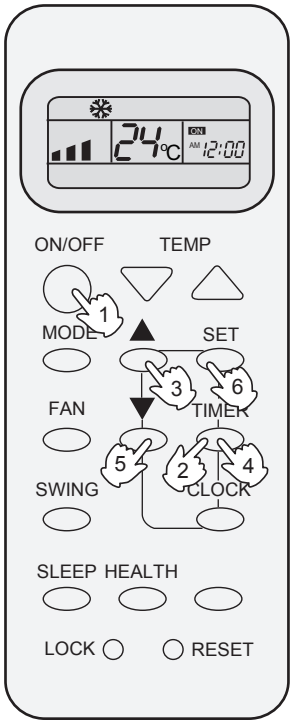
After time setting, press TIMER button to confirm.
"ON" stops blinking, While "OFF" starts blinking.
Time displayed: Unit starts at x hour x min.

(5)Time setting for TIMER OFF

Follow the same procedures in "Time setting for TIMER ON".

(6) Time confirming for TIMER OFF

After time setting, press SET button to confirm, "OFF" stops flashing
Time displayed: Unit stops at X hour X min.



To cancel TIMER mode

■ Just press TIMER button several times until TIMER mode disappears.

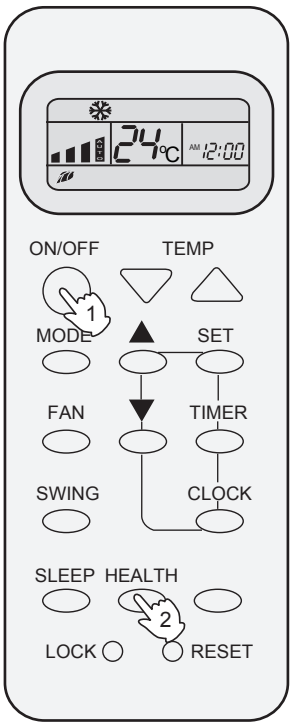
Operation

HEALTH Mode operation

(1) Press the ON/OFF switch.

(2) Press the "HEALTH" once," " is displayed, now the air conditioner is operating the health function.

(3) Press the "HEALTH"again,then the health function stops.



BRIEF INTRODUCTION TO HEALTH OPERATION

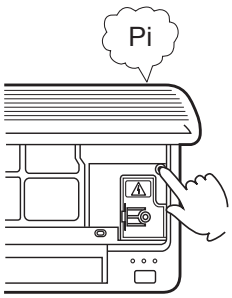
The anion generator in the air conditioner can generate a lot of anion to effectively balance the quantity of position and anion in the air and also to kill bacteria and speed up the dust sediment in the room and finally clean the air in the room.

Operation

Emergency operation and test operation

Emergency Operation:

- Carry out this operation only when the remote controller is defective or lost.
- When the emergency operation switch is pressed, a" Pi "sound starts once, which means the start of this operation.
- In this operation, it is not possible to change the settings of temperature and air flow speed, it is also impossible to do an operation by the timer.
- Follow the requirements below.

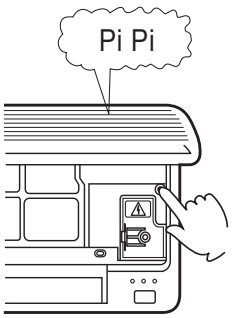


Room temperature	Designated temperature	Timer mode	Air flow speed	Operation mode
More than 23°C	26°C	CONTINUOUS	AUTO	COOL
Less than 23°C	23°C	CONTINUOUS	AUTO	HEAT

If an air conditioner is a model for both cooling and heating.
Cooling when the room temperature at the start of operation is above 23°C.
Heating when the room temperature at the start of operation is below 23°C

Test operation:

- Use this switch in the test operation when the room temperature is less 16°C, do not use it in the normal operation.
  Continue to press the test operation switch for more than 5 seconds. After you hear the "Pi" sound twice, release your finger from the switch, the cooling operation starts with the air flow speed setting "Hi".



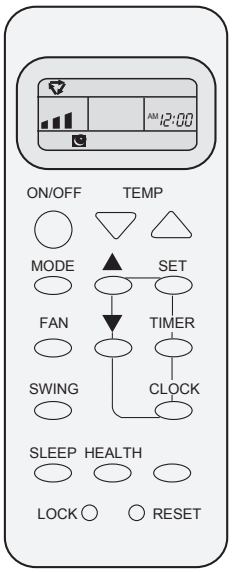
Removal of the restriction of emergency or test operation:

- Press once more the emergency operation switch, or manipulate through the remote controller, a "Pi" sound causes the restriction of emergency or test operation to be removed.
- When the remote controller is manipulated for the removal, then the selected operation by the remote controller.

Operation

Comfortable SLEEP

Before going to bed at night, you can simply press the SLEEP button and unit will bring you a sound sleep in selected mode.



In COOL mode

One hour after SLEEP mode starts, temp. will become 1°C higher than temp. setting. After running for another 1 hour, temp. rises by 1°C further. Unit will run for 6 hours then stops automatically. Temp. is higher than temp. setting so that room temp. won't be too low for your sleep.(As shown in Fig.l)

In HEAT mode

One hour after SLEEP mode starts, temp. will become 2°C lower than temp. setting. After running for another 1 hour, temp. decreases by 2°C further. Unit will run for 3 hours at this temp. then increases another 1°C and stops automatically 3 hours later. Temp. is lower than temp. setting so that room temp. won't be too high for your sleep.
(As shown in Fig .2)

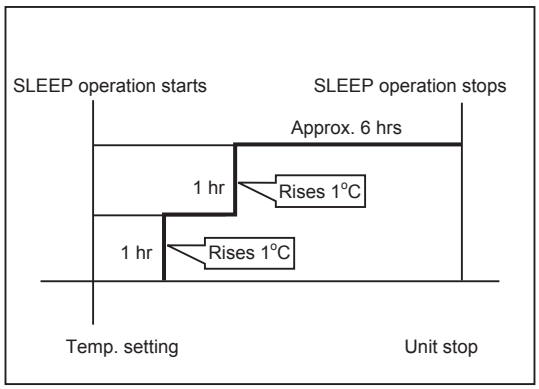


Fig.1

Power Failure Resume Function

If the unit is started for the first time, the compressor will not start running unless 3 minutes have elapsed. When the power resumes after power failure, the unit will run automatically, the power indicator lights up, and 3 minutes later the compressor starts running with the indicator lighting up.

Note:

In AUTO mode, unit will run in SLEEP function according to operation mode.
In FAN mode, comfortable sleep is not available.

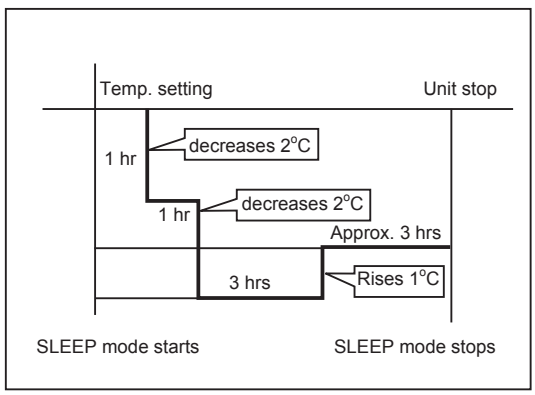
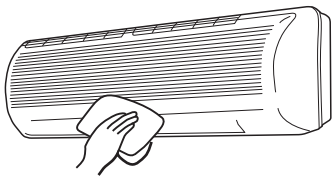


Fig.2

Maintenance

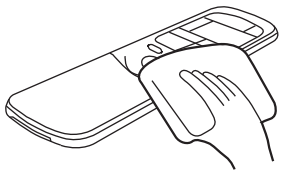
Different models have different appearance

Cleaning of unit casing



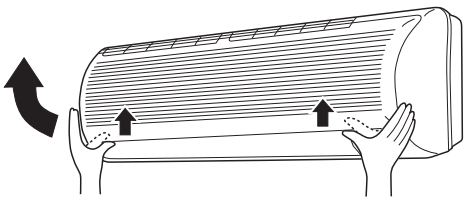
Cut off power supply
before cleaning unit casing with soft cloth.
In case of heavy stain, clean it with neutral detergent.
squeeze water in the cloth, wipe off the detergent on unit casing completely.

Cleaning of remote controller

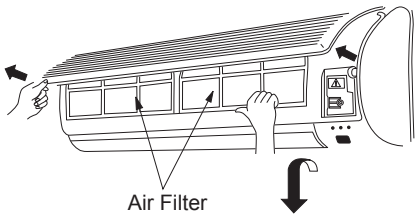


Don't use water to wash unit casing, please use dry cloth.
Don't use glass cleaner or cloth soaked with chemicals.

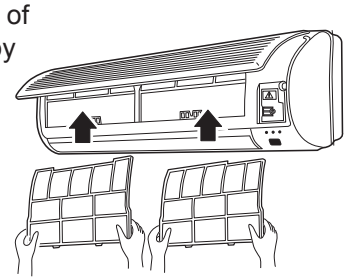
Cleaning of air filter



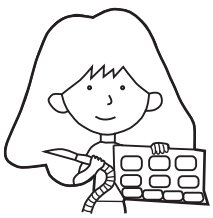
1.Open inlet grille by pulling it upward.



2.Remove air filter
Push up the filter's center tab slightly until it is caesura of the stopper. Remove it by pulling down.



3.Clean the filter
Use a vacuum cleaner to remove dust,or wash the filter with water. After washing, dry the filter completely in the shade.



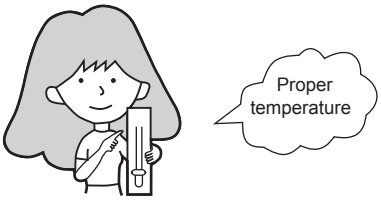
4.Attach the filter
Attach filter behind the stopper so that the "Front" indication is facing to the front. Make sure that it is completely behind the stopper, otherwise problems might occur.

5.Close the inlet grille.

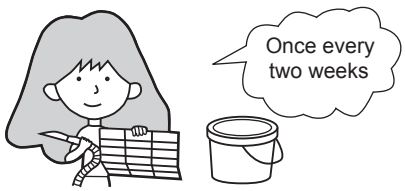
Maintenance

Better use of air conditioner

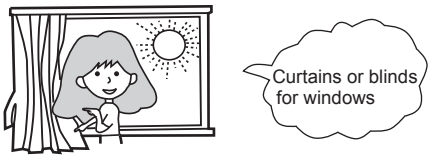
Proper room temperature.



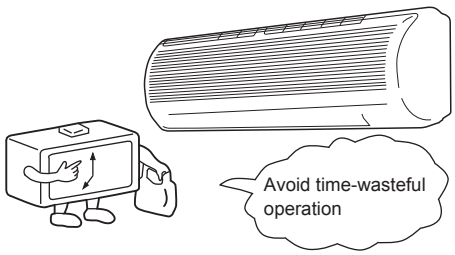
Cleaning of the air filter.



Closing of doors and windows during operation

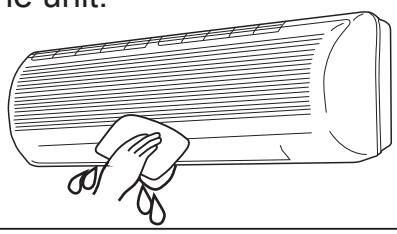


Effective use of the timer.

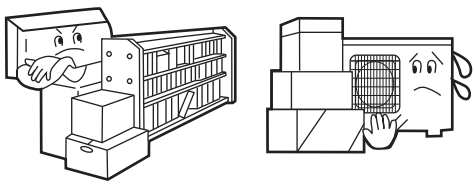


Never fail to observe the followings

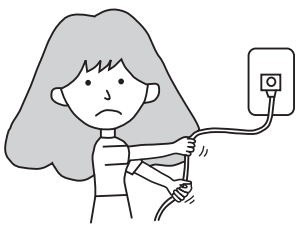
Do not sprinkle water over the unit.



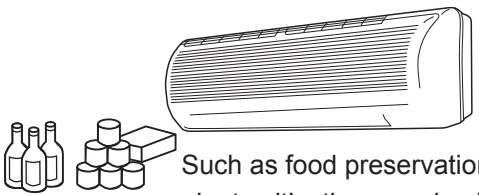
Do not block the inlet or outlet.



Do not pull power plug.



Do not use for other purposes.



Such as food preservation plant cultivation or animal breeding.

Trouble shooting

Before asking for service, check the following first.

	Phenomenon	Cause or check points
Normal Performance inspection	The system does not restart immediately.	• When unit is stopped, it won't restart immediately until 3 minutes have elapsed to protect the system. • When the electric plug is pulled out and reinserted, the protection circuit will work for 3 minutes to protect the air conditioner.
	Noise is heard	• During unit operation or at stop, a swishing or gurgling noise may be heard. At first 2-3 minutes after unit start, this noise is more noticeable. (This noise is generated by refrigerant flowing in the system.) • During unit operation, a cracking noise may be heard. This noise is generated by the casing expanding or shrinking because of temperature changes • Should there be a big noise from air flow in unit operation, air filter may be too dirty.
	Smells are generated.	• This is because the system circulates smells from the interior air such as the smell of furniture, cigarettes.
	Mist or steam are blown out.	• During COOL or DRY operation, indoor unit may blow out mist. This is due to the sudden cooling of indoor air.
Multiple check	Does not work at all.	• Is power plug inserted? • Is there a power failure? • Is fuse blown out?
	Poor cooling	• Is the air filter dirty? Normally it should be cleaned every 15 days. • Are there any obstacles before inlet and outlet? • Is temperature set correctly? • Are there some doors or windows left open? • Is there any direct sunlight through the window during the cooling operation?(Use curtain) • Are there too much heat sources or too many people in the room during cooling operation?

Application temp. range of air conditioner -7°C~43°C.